M. A. R. 57 (Rule 116)
Measurement Book

No. B 497376

Serial No. 3rd and Part Bk-V

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work ..... D-O-Recorday : 06.09.2020

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of Work : Package no-1 [package consist of 18 Works]						
	Estimated cost :- Rs. 10.00 CR						
	Name of Agency = Sri. D. Narahari Benaka Developers and projects Pvt Ltd. Bangalore						
	Work order no = BBMP/EE/BYP/240/135/17-18. Dt.						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
27/2	① Clearing and grubbing of land including uprooting scale vegitation, grass, brush, shrubs, saplings and trees girth upto 300mm, by manual means in area of light jungle, removing stumps, disposal of unrecovable material, stacking serviceable materials, etc complete						
	Present qty vide : B.Bill, It no ①						
	" " ②					= 2241.804 m²	
						@ 7.20/m²	16140.9
27/2	(2) Earthwork Excavation by manual means in ordinary soil involving an average haulage through upto 2nd						

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Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and an average lift upto 0.30m, Excavated surface levelled and sides neatly dressed, the dispersed Earth to be levelled neatly after breaking clods Complete as per specification.						
	Present qty vide : It no ③ p.no ①						
	= 1380.32 m² @ 228.60/m² -						3,15,540.92
21/10	Removing and refixing of stone slabs of drains and pointing in CM 1:3						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Present qty made = E. Bill It no : (10)						
	P.no (1) = 3481.56/42						300 Sqm
It/11 4)	Providing granite slabs of selected quality Roughly dressed and fixed in CM 1:6 including fixing cleats Complete, 7.50 Cms-thick.						
	Present qty = E. Bill It no. (11)						
	P.no (2) = 955-264² C						
	712.84/42						60.94
It/11 5)	Providing granite slabs of selected quality Roughly dressed						

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Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and fixed in cm (1:6) including all leads, lifts etc. complete						
	Present upto R. Bill No (12)						
	upto (2)					251.58 m²	2,22,572.8
6) 2443	Providing and Constructing granite stone masonry in foundation c.m 1:6, stone hammer dressed in courses not less than 20cm high, bond stones in 2m apart in each course						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	including curing materials, labour, curing complete as per specification.						
	Present qty vide E.B.-II. Item. (13)						
	p. no. (2) : 68.90 m³						327
	@ 4752.9/-						
Item no. 14 (7)	Providing and flush pointing in square rubble, coursed or uncoursed stone masonry with CM 1:3, 20 mm deep after raking out joints in depth of 20 mm nicely finishing including curing materials, labour etc complete						
	Present qty vide E.B.-II Item no (14)						

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Measurement Book

No. B

497379

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
#nil		P.no (2)	= 114.84m²	@ 109.80/m²		12,609.43	
By	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs with 20mm and down size graded granite metal coarse aggregate @ 0.878m³ and fine aggregate @ 0.459m³ machine mixed concrete laid in layers not exceeding 15cms thick well compacted in fdn^ and plinth, including curing all materials, labour necessary of machinery, curing complete as per specifications.						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Rem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Present qty vide. E.Bill' - II no (15) p.no (2)						
	= 14.23 m^3 @ 5709.60/m^3						81529.80
II-16 97	Providing and laying in position plain cement concrete of mix 1:3:6 with opc cement @ 220 kgs with 40mm nominal down size graded granite metal coarse aggregate @ 0.892 m^3 and fine aggregate @ 0.465 m^3, machine mixed concrete laid in layers not exceeding 15 cms thick well compacted in foundation including cost of all material, labour, mixing machine, curing complete as per specification.						
	present qty 2 nos. E.Bill. II no (16)						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 497380

No. .....

of Work ..... From..... To.....

of Contractor of nature of Agency .....

of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
3	P.no	(3)	=	16.41 y^3 @ 5295.60/y^3		86,884.91
Providing and laying RCC precast cover slab of 250mm thick for drain in C.C M.20 using graded granite jelly 20mm and down size with steel reinforcement, including lifting, Handling, lift charges, curing and concrete finished surfaces on both sides etc complete and as per drawing						
	Present qty =	vide	E.B.14	Pg no (4)	p.no (3)	797953.98
	= 149.22 y^2 @ 5347.50/y^2					

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Re t Mea
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
It.26 11)	Excavation for Road Works in soil with hydraulic excavator of 0.90 m³ bucket capacity including cutting and loading in tippers, trimming, bottoms and side slopes in accordance with requirements of lines, graded and c/s and transport to embankment locations and complete as per specifications						
	Presently = rate S.B.11 It no (26)						
	P.no (3) = 2047.92 m³ @ Rs 185.40/m³						379,685.
It no.28 12)	Providing and laying spreading and compacting graded stone						

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Measurement Book

No. B 497381

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	aggregate in wet mix macadam specification including processing the materials, with water at OMC in mechanical mix plant. Carriage of mixed material by tipper to site, laying in uniform layer with paver in Sub-base/base course on well prepared surface and compacting with vibratory Roller to achieve the desired density complete as per specification.						
	Present qty vide E.B.No. # as (28)						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		P.no	(3)	=	2044.92 sqm	@ 1750.51/sqm	35,84,891
11.29	13) Providing and applying primer coat with SS bitumen Emulsion on prepared surface of granular base such as WBM including cleaning Road surface and spraying primer at the rate of 0.6 kg/m² using mechanical means complete as per specification.						
	Present qty. made. E.Bill # no (29)						
	P.no (4) = 8566.24 sqm						
	@ 29.70/sqm						2,54,417.40

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Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
14)	Cleaning the Existing	black topped	surface with	brooms			
11.35	Coir brushes and finally dusting with	old gunny bags and or					
	Compressed air to	Receive	bituminous	treatment including			
	cushy all materials, labours, Hire of machinery					Complete	
	as per specification.						
	Present qty made E.Bill. # no 30						
	P.no (4) = 1334.064 sqm @ 3.60/m²						4802.63

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No. B 497383

Serial No. ..... From..... To.....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
11.3.21 15	Providing and applying tack coat using R/Hard grade bitumen (VG-30) on prepared black topped surfaces at 2.50 kg/m² heating bitumen in boiler fitted with spray set (Excluding) clearing Road surface) including costing all material, use of machinery Complete as per specification.						
	Present qty = work done R. Bill No (31)						
	P. No (4) = 10183 Rate @ 13.50/m²						13,74,871.24
11.3.21 16	Providing and laying bituminous Concrete - 30-40 mm Capacity						

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	thickness with VG-30 Bitumen grade using 40-50 HMP using crushed aggregate of grading II premixed with bitu-minous binder at 5.4% by mass and boiler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade level, and alignment, Rolling with smooth wheeled, vibratory and tandem Roller to achi the desired compaction and smoothness specification.						
	Present qty = work done R. Bill No. (32)						36,75,698.41
	P. No (14) = 407.354 m³ @ 9023.40/m³						

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Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
17.3.23	Providing and laying of hot applied thermo plastic compound 2.50mm thick including reflectorising glass beads @ 25 kgs/sq.m, thickness of 2.50 mm is exclusive of surface applied glass beads as per IRC:35, the finished surface to be level, uniform and free from streaks and ruts complete as per specifications, orders & instructions.						
	Present qty = work done - P.B.No 22 no (33)						
	P.No (5) . 376.824 sq.m						
	@ Rs. 58.40/sq.m					219118.03	

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Measurement Book

No. B 497384

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total Rs.		1,10,98266.19
	Conditions						
	(1) Certified that the Contractor has work done satisfactorily.						
	(2) the contractor has removed the debris from work site.						
	(3) there is no any dispr. work was supported to Contractor.						

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